

REMARKS

Claims 1 - 18 are cancelled. New Claim 19 is added. Support is found in Applicants' specification page 6, line 16, to page 8, line 15, and in Claims 1 - 18 as originally filed.

Applicants maintain that Claim 19 presented above is allowable over the Murakami article and the article by Howard. Specifically, Howard describes a hollow glass cone the size of a ballpoint pen's tip with a microscopically thin gold wire. This "neurotropic electrode" is inserted into the brain's cerebral cortex. Any signal picked up is detected and amplified by a tiny receiver placed just under the skull.

Those of ordinary skill in the pertinent arts will recognize that the receiver may be implemented as a chip. However, Howard's neurotropic electrode cannot be included in this chip structure because the receiver is just under the skull while the electrode is inserted into the brain's cerebral cortex. Applicant's Claim 19 clearly requires a plurality of neurotropic electrodes on the chip structure capable of receiving neurotropic signals when the chip itself is positioned within the brain of a person. Howard, therefore, does not describe this important feature of Applicants' Claim 19.

Other features in Claim 19, e.g., input circuits and sequential digital control circuits are also not described in either Howard or Murakami.

Claim 19 is therefore allowable and such allowance is respectfully requested.

The Application is deemed in condition for allowance and such action by the Examiner is urged. Should differences remain, however, which do not place one/more of the remaining claims in condition for allowance, the Examiner is requested to phone the undersigned at the number provided below for the purpose of providing constructive assistance and suggestions in accordance with M.P.E.P. Sections 707, 707.07(d) and 707.07(j) in order that allowable claims can be presented, thereby placing the application in condition for allowance without further proceedings being necessary.

Respectfully submitted,

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